

# FAA UAS SITE SELECTION

## UTAH EFFORT

June 19, 2013

Utah Governor's Office of Economic Development  
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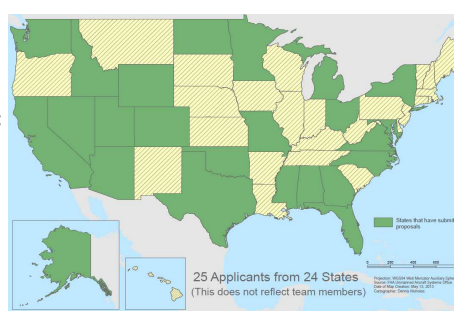
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# FAA UAS SITE SELECTION

FAA MODERNIZATION and REFORM ACT (FMRA) of 2012 Requirements:

- Establish program to integrate unmanned aircraft systems (UAS) into the National Airspace System (NAS)
- FAA intends to select six (6) Test Sites to be operated by Public Entities to evaluate UAS in the NAS
- Selection via competitive bid applications:
  - Bids submitted May 6, 2013
  - Selection award by Dec. 31, 2013
  - 25 competitors from 24 states
  - Scores lowered for states with restrictive UAS legislation



25 Applicants from 24 States  
(This does not reflect team members)

## Utah's Focus



- Mountain West Unmanned Systems Alliance (MWUSA): Academia and industry partnership, provides statewide focus
- Test Ranges located strategically around Utah to support rural economic development, academic research and industry objectives without impacting restricted Military Airspace and Military Installation Missions
- UAS part of Utah's overall Aerospace & Defense cluster strategy
- Supports and reinforces UAS mission objectives of Utah Military Installations (DPG/RIAC and HAFB)



Governor Herbert visits with Ryan Smith, CEO of ImSar, at AUVSI unmanned systems conference last year.

## Utah's Test Sites

Unmanned Aerial System (UAS)  
Certificate of Authorization (COA)  
Airspace & FAA Special Use Airspace

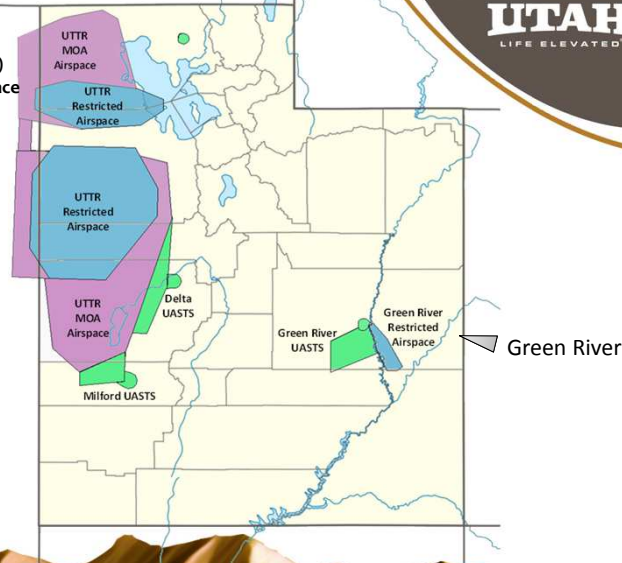
### Legend

- State Boundary
- County Boundary
- Military Operation Area
- Utah UAS Test Site
- Restricted Airspace

Promontory (ATK)

Delta

Milford



# Economic Impact Assessment

*EDC Utah study of 10-year positive impact:*

- **700% increase**, high paying (>\$70K) private sector UAS related jobs
- Job growth with site selection
  - Direct: 10,000
  - Indirect: 23,000
- Many jobs created in rural Utah\*
  - Average UAS wage: \$44,000
  - Average rural wage: \$31,000

\*Wage Comparisons per Utah DHS



The Utah Water Research Laboratory provides high resolution, multispectral aerial imagery using a small, unmanned aerial system called AggieAir. Low-cost and easy to use, AggieAir is able to map small areas quicker, more frequently and at finer resolution than manned systems.

**AUVSI report states that UAS integration will contribute \$82.1 billion to the nation's economy and create over 100,000 new jobs between 2015 and 2025.**

# Social Impact



More than 1,400 Utah wildfires consumed some 500,000 acres in 2012, including the Pinyon Fire near Camp Williams



- Agriculture ▲
- Scientific Research
- Fighting Fire

- **Natural Resource Management**
- **First Responders**
- **News Reporting**
- **Border Patrol**
- **Crime Reduction**



AggieAir, Utah Water Research Laboratory

## Summary

- Utah via MWUSA is actively competing for FAA Test Site Selection
- Establish MWUSA Board of Advisors
- Establish funding and sustainability strategy for MWUSA sites
- Establish Advocacy & Publicity Program to support Utah effort

